

Applicant : Klaus Schulz et al.
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Attorney's Docket No.: 12754-051001 / 2000P07411US02

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A pluggable transceiver comprising:
a housing having a front end configured to couple to a transmission cable and a back end configured to be inserted into a cage;
a cam disposed on an exposed bottom outer surface of a ~~transceiver~~ ~~the~~ housing and configured to engage the ~~transceiver~~ a cage latch within the cage; and
a release mechanism attached to the bottom surface of the housing between the cam and the front end of the housing and selectively movable between at least a first position and a second position, where the release mechanism is in the first position when the transceiver is engaged within the cage and is moved along the bottom surface from the first position toward the cam and into the second position to disengage the transceiver from the cage.
2. (Original) The pluggable transceiver of claim 1, wherein the cam has a chamfered surface exposed for contact with the cage latch as the transceiver is being inserted into the cage.
3. (Original) The pluggable transceiver of claim 2, wherein the chamfered surface of the cam is rectangular.
4. (Original) The pluggable transceiver of claim 2, wherein the chamfered surface of the cam tapers from the front end to the back end of the transceiver housing.
5. Cancelled.

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6. (Previously Presented) The pluggable transceiver of claim 1, wherein the release mechanism comprises a release block configured to slide into the second position to disengage the transceiver from the cage.

7. (Original) The pluggable transceiver of claim 6, wherein the release block comprises a chamfered surface exposed for contact with the cage latch.

8-14. Cancelled.

15. (Currently Amended) A data coupling system, comprising:

a pluggable transceiver comprising a transceiver housing having a front end configured to couple to a transmission cable, the transceiver housing including a transceiver cam disposed on an exposed outer surface of the transceiver housing and a release mechanism disposed on the exposed outer surface of the transceiver housing between the front end and the transceiver cam and configured to disengage the transceiver cam from a cage slot; and

a cage comprising a cage housing having a front end for receiving the pluggable transceiver and defining a cage slot for engaging the transceiver cam, and a latch disposed at the front end of the cage housing, the latch including a front end having an inner surface that flares outwardly away from an interior region of the cage housing;

wherein the transceiver cam is configured to displace the [[cage]] latch and engage the cage slot upon insertion of the transceiver housing into the cage, and the [[cage]] latch is configured to bend outwardly from an original position in response to a force applied by the transceiver cam as the transceiver is being inserted into the cage and to resiliently return to the original position upon engagement of the transceiver cam and the slot defined in the front end of the cage housing.

16. (Currently Amended) The data coupling system of claim 15, wherein the transceiver cam has a chamfered surface exposed for contact with the [[cage]] latch as the transceiver is being inserted into the cage.

17. Cancelled.

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18. (Currently Amended) The data coupling system of claim 15, wherein the release mechanism comprises a release block configured to slide into engagement with the [[cage]] latch to disengage the transceiver cam from the cage slot.
 19. (Currently Amended) The data coupling system of claim 18, wherein the release block comprises a chamfered surface exposed for contact with the [[cage]] latch.
 20. (Original) The data coupling system of claim 15, wherein the cage further comprises an ejection mechanism configured to engage and apply an ejection force against the pluggable transceiver when disposed within the cage housing.
 21. (Currently Amended) The data coupling system of claim [[17]]15, wherein the release mechanism is selectively movable between at least a first position and a second position, where the release mechanism is in the first position when the transceiver is engaged within the cage and is moved along the bottom surface from the first position toward the transceiver cam and into the second position to disengage the transceiver from the cage.
- 22-28. Cancelled.
29. (Currently Amended) A pluggable transceiver comprising:
 - a substantially rectangular shaped housing having a front end configured to couple to a transmission cable and a back end;
 - a cam disposed on an exposed bottom outer surface of the transceiver housing, the bottom surface substantially perpendicular to the front end and the back end;
 - a longitudinal slot defined in the bottom surface of the housing; and
 - a release block attached to the bottom surface of the housing between the front end and the cam, and slidable within the longitudinal slot between a first position and a second position, where the release block is slid within the longitudinal slot from the first position toward the cam and into the second position to disengage the cam from engagement with a latch.